

09742190 CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09742190 on October 15, 2003

Original Classifications

4 455/419  
4 455/566  
3 455/466  
3 713/159  
2 345/809  
2 455/575.3  
2 709/203

Cross-Reference Classifications

5 455/466  
4 455/566  
3 375/220  
3 375/222  
3 380/30  
3 380/52  
2 345/700  
2 345/810  
2 379/355.05  
2 379/93.01  
2 379/93.24  
2 455/186.2  
2 455/403  
2 455/412.1  
2 455/414.1  
2 455/433  
2 455/445  
2 455/552.1  
2 455/560  
2 706/45  
2 706/47  
2 709/204  
2 713/172

Combined Classifications

8 455/466  
8 455/566  
4 455/419  
3 375/220  
3 375/222  
3 380/30  
3 380/52  
3 455/403  
3 713/159

Plus Search

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6411620 5258772 6104924 6167429 5353328 5870673 6115607 6038296 57129  
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2 345/810  
2 379/355.05  
2 379/93.01  
2 379/93.24  
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2 455/412.1  
2 455/414.1  
2 455/418  
2 455/433  
2 455/445  
2 455/464  
2 455/552.1  
2 455/557  
2 455/560  
2 455/564  
2 455/567  
2 455/574  
2 455/575.3  
2 706/45  
2 706/47  
2 709/203  
2 709/204  
2 709/206  
2 713/172

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above 1  
abstract 1  
acceptable 1  
accompanying 1  
accordance 2  
according 3  
add 1  
addition 2  
additional 1  
aid 1  
allow 2  
also 2  
alternatively 1  
although 1  
an 5  
analysing 1  
and 18  
another 1  
archived 1  
are 4  
art 1  
as 4  
aspect 3  
at 1  
attachment 1  
audio 2  
available 3  
background 1  
be 10  
being 1  
between 1  
bewildering 1  
brief 1  
but 2  
by 4  
can 1  
capability 1  
capable 1  
case 1  
cellular 1  
cieuvery 1  
combine 1  
communication 8  
communications 4  
compiling 1  
complex 1  
component 6

components 2  
comprising 2  
computer 1  
conditions 6  
connected 1  
considering 1  
constrained 1  
contain 2  
contained 1  
continually 1  
control 1  
conventional 1  
could 3  
created 3  
creating 1  
data 2  
date 1  
defined 1  
defining 1  
delivery 5  
described 2  
description 2  
detailed 1  
details 1  
device 11  
diagrammatic 1  
display 2  
displayed 2  
drawings 2  
edit 1  
either 2  
electronic 1  
email 2  
embodiment 1  
equipped 2  
even 1  
event 1  
example 3  
exclusively 1  
existing 1  
expanding 1  
express 1  
expression 1  
extent 1  
extremely 1  
fi 1  
figure 8  
file 1

for 13  
from 2  
full 1  
functional 1  
functions 1  
further 4  
furthermore 2  
future 1  
gsm 1  
handset 4  
handsets 2  
having 3  
header 4  
held 1  
hi 1  
himself 1  
his 1  
holding 1  
illiterate 1  
image 1  
images 2  
immediately 1  
implemented 1  
improved 1  
improvements 2  
in 21  
include 2  
includes 1  
including 3  
inclusion 1  
incorporating 1  
individual 1  
inexperienced 1  
information 3  
intended 1  
interacting 1  
interface 14  
internet 4  
intuitive 1  
invention 10  
involving 1  
is 24  
it 1  
known 1  
land 1  
later 1  
lcd 1  
likely 1

limitation 1  
limited 1  
lines 1  
link 1  
location 1  
made 1  
mail 1  
manner 1  
may 4  
means 5  
memory 4  
menu 1  
message 31  
messages 2  
messaging 3  
met 1  
method 4  
methods 1  
might 1  
mobile 2  
monitor 1  
more 2  
much 1  
multimedia 5  
near 1  
necessary 2  
network 3  
non 1  
not 3  
now 2  
of 49  
offered 1  
on 3  
one 2  
only 1  
opened 2  
opening 2  
operate 1  
options 3  
or 9  
order 1  
ot 1  
outside 1  
parameters 1  
part 1  
particularly 2  
party 1  
pat 1

perhaps 1  
 permit 1  
 playback 1  
 plmn 2  
 plurality 1  
 positioning 1  
 possibilities 1  
 possible 1  
 pre 1  
 preferably 1  
 present 3  
 presentation 1  
 presently 2  
 processor 2  
 provide 2  
 provided 4  
 provides 1  
 providing 1  
 pstn 1  
 public 2  
 radiotelephone 7  
 range 3  
 rather 1  
 receiving 1  
 recipient 5  
 reference 1  
 referring 1  
 relates 1  
 relating 6  
 remains 1  
 remotely 1  
 resolution 1  
 said 1  
 say 1  
 screen 4  
 select 1  
 selecting 3  
 send 1  
 sender 2  
 sent 1  
 separately 2  
 server 1  
 service 2  
 set 4  
 short 2  
 shown 1  
 similar 1  
 size 1



sms 1  
source 1  
sources 4  
specific 1  
speed 1  
station 1  
stored 2  
storing 2  
such 2  
sufficient 1  
summars 1  
switched 1  
system 1  
telephone 2  
television 1  
text 4  
that 3  
the 80  
them 1  
then 1  
there 4  
thereof 1  
thereon 1  
they 1  
third 1  
this 2  
thus 1  
time 1  
to 38  
together 1  
tools 1  
tor 1  
transmitted 1  
under 2  
understanding 1  
up 1  
us 1  
use 1  
usefully 1  
user 14  
users 2  
usual 1  
variety 1  
via 1  
video 2  
view 4  
voice 2  
way 1

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when 2  
where 2  
which 10  
will 3  
wilt 1  
with 8  
within 2  
yet 1

09742190\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09742190 on October 15, 2003

- 8 455/466 (3 OR, 5 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/466 .Auxiliary data signaling (e.g., short message service (SMS))
- 8 455/566 (4 OR, 4 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
  - 455/550.1 .Radiotelephone equipment detail
  - 455/566 ..Having display
- 4 455/419 (4 OR, 0 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/418 .Programming control
  - 455/419 ..Remote programming control
- 3 375/220 (0 OR, 3 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/219 TRANSCEIVERS
  - 375/220 .Transmission interface between two stations or terminals
- 3 375/222 (0 OR, 3 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/219 TRANSCEIVERS
  - 375/222 .Modems (data sets)
- 3 380/30 (0 OR, 3 XR)
  - Class 380 : CRYPTOGRAPHY
  - 380/28 PARTICULAR ALGORITHMIC FUNCTION ENCODING
  - 380/30 .Public key
- 3 380/52 (0 OR, 3 XR)
  - Class 380 : CRYPTOGRAPHY
  - 380/287 ELECTRIC SIGNAL MODIFICATION
  - 380/52 .Including particular structure or housing (e.g., display, keyboard)

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3 455/403 (1 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM

3 713/159 (3 OR, 0 XR)  
     Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
     713/150 MULTIPLE COMPUTER COMMUNICATION USING  
                   CRYPTOGRAPHY  
     713/155 .Central trusted authority provides computer  
                   authentication  
     713/159 ..Including intelligent token

2 345/700 (0 OR, 2 XR)  
     Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
                   INTERFACE PROCESSING, AND SELECTIVE VISUAL  
 DISPLAY  
                   SYSTEMS  
     345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
                   INTERFACE)

2 345/809 (2 OR, 0 XR)  
     Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
                   INTERFACE PROCESSING, AND SELECTIVE VISUAL  
 DISPLAY  
                   SYSTEMS  
     345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
                   INTERFACE)  
     345/764 .On-screen workspace or object  
     345/809 ..Dialog box

2 345/810 (0 OR, 2 XR)  
     Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
                   INTERFACE PROCESSING, AND SELECTIVE VISUAL  
 DISPLAY  
                   SYSTEMS  
     345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER  
                   INTERFACE)  
     345/764 .On-screen workspace or object  
     345/810 ..Menu or selectable iconic array (e.g.,  
                   palette)

2 379/355.05 (0 OR, 2 XR)  
     Class 379 : TELEPHONIC COMMUNICATIONS  
     379/350 SUPERVISORY OR CONTROL LINE SIGNALING  
     379/352 .Substation originated  
     379/355.01 ..Repertory or abbreviated call signal  
                   generation

## 09742190\_CLSTITLES

379/355.05 ...Modification of call address signal for  
abbreviated dialing

2 379/93.01 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COM

POSITE)

379/93.01 .Having transmission of a digital message  
signal over a telephone line

2 379/93.24 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE  
ELECTRICAL SYSTEM OR SIGNALLING (E.G., C

OMPOSITE)

379/93.01 .Having transmission of a digital message  
signal over a telephone line

379/93.17 ..Having station display

379/93.24 ...Having electronic mail

2 455/186.2 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER

455/150.1 .Signal selection based on frequency (e.g.,  
tuning)

455/179.1 ..Channel or station selection

455/185.1 ...With channel information storage

455/186.1 ....With memory control or programming

455/186.2 .....Having a keyboard

2 455/412.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/412.1 .Message storage or retrieval

2 455/414.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/414.1 .Special service

2 455/418 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/418 .Programming control

2 455/433 (0 OR, 2 XR)

09742190 CLSTITLES

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/432.1 ..Roaming  
 455/433 ...Home location registration (HLR) or visitor  
 location registration (VLR) detail

2 455/445 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/445 ..Call routing (e.g., to prevent backhaul,  
 routing efficiency, least cost, or alternat

e routing)

2 455/464 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/462 .Including private cordless extension system  
 455/464 ..Channel selection or allocation

2 455/552.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/552.1 ..Operable on more than one system

2 455/557 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/557 ..Interface attached device (e.g., interface  
 with modem, facsimile, computer, etc.)

2 455/560 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/560 ..Switching unit detail (e.g., mobile telephon

e  
 switching office (MTSO), base station contr  
 oller (BSC),

09742190\_CLSTITLES  
etc.)

2 455/564 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/564 ..Auto-dialing or repertory dialing (e.g.,  
using bar code, etc.)

2 455/567 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/567 ..Call alerting

2 455/574 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/572 ..Power supply  
455/574 ...Power conservation

2 455/575.3 (2 OR, 0 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/550.1 .Radiotelephone equipment detail  
455/575.1 ..Housing or support  
455/575.3 ...Foldable type

2 706/45 (0 OR, 2 XR)  
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
706/45 KNOWLEDGE PROCESSING SYSTEM

2 706/47 (0 OR, 2 XR)  
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
706/45 KNOWLEDGE PROCESSING SYSTEM  
706/46 .Knowledge representation and reasoning  
technique  
706/47 ..Ruled-based reasoning system

09742190\_CLSTITLES

2 709/203 (2 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/201 .Distributed data processing  
709/203 ..Client/server

2 709/204 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/204 .Computer conferencing

2 709/206 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING  
709/204 .Computer conferencing  
709/206 ..Demand based messaging

2 713/172 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT

713/150 MULTIPLE COMPUTER COMMUNICATION USING  
CRYPTOGRAPHY  
713/168 .Particular communication authentication  
technique  
713/172 ..Intelligent token



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PLUS Search Results for S/N 09742190, Searched October 15, 2003

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